



APPLICANT FACSIMILE OF FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>GNN-010CPDV</b>	SERIAL NO. <b>10/609218</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)			APPLICANT <b>Ling, V. et al.</b>	
			FILING DATE <b>June 27, 2003</b>	GROUP <b>1641</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>LO</b>	A1	5,434,131	07/95	Linsley et al.	514	2	
	A2	6,338,851	01/02	Gorczynski			
	A3	6,090,914	07/00	Linsley et al.			
	A4	5,726,044	03/98	Lo et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
	A5	EP 711829	09/94	EPO				
	A6	EP 716148	09/94	EPO				
	A7	EP 814154	12/97	EPO				
	A8	WO 98/38216	09/98	PCT				

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A9	Baldwin <i>et al.</i> , 1994, "Platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31): alternatively spliced, functionally distinct isoforms expressed during mammalian cardiovascular development," <i>Development</i> , 120:2539-53		
A10	Bermas <i>et al.</i> , 1997, "Proliferative response to recall antigens are associated with pregnancy outcome in women with a history of recurrent spontaneous abortion," <i>J. Clin. Invest.</i> , 100(6):1330-1334		
A11	Biedermann, K. <i>et al.</i> 1995, "Pregnancy, immunosuppression and reactivation of latent toxoplasmosis," <i>J. Perinatal Med.</i> , 23(3):191-203		
A12	Billington, 1992, "The normal fetomaternal immune relationship," <i>Baillieres Clin. Obstet. Gynaecol.</i> 6:417-38		
A13	Bonney <i>et al.</i> 1997, "The maternal immune system's interaction with circulating fetal cells," <i>J. Immunol.</i> 158:40-47		
A14	Boriello <i>et al.</i> 1997, "MRC OX-2 defines a novel T cell costimulatory pathway", <i>J. of Immunol.</i> , Vol 158; 10:4548-4554.		
A15	Chaouat <i>et al.</i> , 1990 "Control of fetal survival in CBA x DBA/2 mice by lymphokine therapy," <i>J. Reprod. Fertil.</i> , 89:447-58		
A16	Chaouat <i>et al.</i> , 1995, "IL-10 prevents naturally occurring fetal loss in the CBAXDBA/2 mating combination, and local defect in IL-10 production in this abortion-prone combination is corrected by in vivo injection of IFN- $\gamma$ ," <i>J. Immunol.</i> , 154:4261-4268		
<b>LO</b> A17	Coyle <i>et al.</i> , "The expanding B7 superfamily: Increasing complexity in costimulatory signals regulating T cell function", <i>Nature Immunology</i> 2001 2:203-209		
Examiner	<b>Ilian Ouspenski</b>	Date Considered	<b>09/30/2004</b>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MP&P 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



Sheet 2 of 4

APPLICANT FACSIMILE OF FORM PTO-1449 7-80		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>GNN-010CPDV</b>	SERIAL NO. <b>10/609218</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)			APPLICANT <b>Ling, V. et al.</b>	
			FILING DATE <b>June 27, 2003</b>	GROUP <b>1641</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>t.o.</i>	B1	EP 984023	03/00	EPO		

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	B2	Davis <i>et al.</i> 1996 "Primary porcine endothelial cells express membrane-bound B7-2 (CD86) and a soluble factor that co-stimulate cyclosporin A-resistant and CD28-dependent human T cell proliferation," <i>Int. Immunol.</i> 8:1099-111
	B2	Djian <i>et al.</i> 1996, "Immunoactive products of placenta. V. Immunoregulatory properties of a low molecular weight compound obtained from human placental cultures," <i>Am. J. Reprod. Immunol.</i> 36:11-24
	B4	Duclos <i>et al.</i> 1994 "Relationship between decidual leukocyte infiltration and spontaneous abortion in a murine model of early fetal resorption," <i>Cell Immunol.</i> 159:184-93
	B5	Duclos <i>et al.</i> 1995, "Presence of activated macrophages in a murine model of early embryo loss," <i>Am. J. Reprod. Immunol.</i> , 33:354-366
	B6	Duclos <i>et al.</i> 1996 "Embryo infiltration by maternal macrophages is associated with selective expression of proto-oncogenes in a murine model of spontaneous abortion," <i>Biol. Reprod.</i> 54:1088-95
	B7	Ellis <i>et al.</i> , "Interaction of CD80 and CD86 with CD28 and CTLA-4", <i>J. Immunol.</i> 56:2700-2709 1996- <del>1996</del>
	B8	Ewoldsen <i>et al.</i> 1987 "Killing of mouse blastocyst stage embryos by cytotoxic T lymphocytes directed to major histocompatibility complex antigens," <i>J. Immunol.</i> 138(9):2764-70
	B9	Gafter <i>et al.</i> , 1997 "Suppressed cell-mediated immunity and monocyte and natural killer cell activity following allogeneic immunization of women with spontaneous recurrent abortion," <i>J. Clin. Immunol.</i> 17:408-19
	B10	GenBank Accession Number U90273 for homo sapiens CTLA-4 mRNA, partial cds
	B11	GenBank Accession Number U90271 for Rattus Norvegicus CTLA-4 mRNA, complete cds
	B12	GenBank Accession Number U90270 for mus musculus CTLA-4 mRNA, partial cds
	B13	Greenfield <i>et al.</i> "CD28/B7 costimulation: a review" <i>Crit. Rev. Immunol.</i> 1998; 18:389-418.
	B14	Hakim, F.T. <i>et al.</i> , 1995, "Acute graft-versus-host reaction can be aborted by blockade of costimulatory molecules," <i>J. Immunol.</i> 155(4):1757-66
<i>to</i>	B15	Herrera-Gonzalez <i>et al.</i> , 1993 "Fetal-maternal immune interaction: blocking antibody and survival of the fetus," <i>Dev. Comp. Immunol.</i> , 17:1-18
Examiner <i>Ilia Anisimovskii</i>		Date Considered <i>09/30/2004</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>GNN-010CPDV</b>	SERIAL NO. <b>10/609218</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Ling, V. et al.</b>	
		FILING DATE <b>June 27, 2003</b>	GROUP <b>1644</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

C1	Huang, Z., 2000 "Structural Chemistr and Therapeutic Intervention of Protein-protein Interactions in Immune Response, HIV entry and Apoptosis," <i>Pharma. Thereapeutics</i> ; 86;201-215.
C2	Hutloff, A. et al., 1999, "ICOS is an inducible T-cell co-stimulator structurally and functionally related to CD28," <i>Nature</i> , 397:263-266
C3	Kaufman, K.A. et al. 1999, "The CTLA-4 gene is expressed in placental fibroblasts," <i>Mol. Hum. Reprod.</i> , 5(1):84-87
C4	Larrick, J.W. "CTLA4-IG-antiCD40 fusion protein for immunotherapy," (abstract) Federal Research in Progress, National Technical Information Services (NTIS), Springfield, VA; Retrieved from Dialog Information Services, Palo Alto, CA Access No. 285978
C5	Larsen, C.P. "Activation, apathy, anergy, apoptosis in transplantation," (abstract) Federal research in Progress, National Technical Information Services (NTIS), Springfield, VA; Retrieved from Dialog Information Services, Palo Alto, CA Access No. 285737
C6	Ling et al., 1997 "Structural identification of the hematopoietic progenitor antigen ER-MP12 as the vascular endothelial adhesion molecule PECAM-1 (CD31)," <i>Eur. J. Immunol.</i> 27:509-14
C7	Ling et al., 1998, "Embryonic stem cells and embryoid bodies express lymphocyte costimulatory molecules," <i>Experimental Cell Research</i> , 241:55-65
C8	Liu et al. 1993 "A cloned lymphoid Thy1+ tumor line derived from murine yolk sac cells maintained in long-term cell culture in the absence of a thymic microenvironment expresses an unusual cell surface phenotype," <i>Thymus</i> . 21(4):221-33
C9	Lohse et al. 1996 "Antigen-presenting function and B7 expression of murine sinusoidal endothelial cells and Kupffer cells," <i>Gastroentology</i> 110:1175-81
C10	Marcos et al. 1997 "Antigenic phenotype and gene expression pattern of lymphohemopoietic progenitors during early mouse ontogeny," <i>J. Immunol.</i> 158(6):2627-37
C11	Mueller, "A proliferation of costimulatory molecules", <i>Curr. Biol.</i> 2000 10:R227-R230
C12	Olivares et al. 1997 "Cultured human decidual stromal cells express B7-1 (CD80) and B7-2 (CD86) and stimulate allogeneic T cells," <i>Biol. Reprod.</i> 57:609-15
C13	Perez, V.L. et al., 1997, "Induction of peripheral T cell tolerance in vivo requires CTLA-4 engagement," <i>Immunity</i> , 6(4):411-417
C14	Riseau et al., 1995 "Vasculogenesis," <i>Ann. Rev. Cell Dev. Biol.</i> , 11:73-91
C15	Romagnani 1996 "Th1 and Th2 in human diseases," <i>Clin. Immunol. Immunopathol.</i> , 80(3 part 1):225-235

Examiner

Date Considered

09/30/2004

\*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>GNN-010CPDV</b>	SERIAL NO. <b>10/609,218</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Ling, V. et al.</b>	
		FILING DATE <b>June 27, 2003</b>	GROUP <b>1641</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
---------------------	-----------------	------	------	-------	----------	-------------------------------

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
-----------------	------	---------	-------	----------	-----------------------

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

D1	Romagnani et al. 1997 "An update on human Th1 and Th2 cells," <i>International Archives of Allergy and Immunology</i> , 113(1-3):153-156
D2	Sargent, I.L. et al. 1988, Maternal immune responses to the fetus in early pregnancy and recurrent miscarriage," <i>Lancet</i> 2(8620):1099-104
D3	Seino et al. 1995 "CD86 (B70/B7-2) on endothelial cells co-stimulates allogeneic CD4+ T cells," <i>Int. Immunol.</i> 7:1331-7
D4	Taipale et al 1997 "Growth factors in the extracellular matrix," <i>FASEB J.</i> 1997 11(1):51-9
D5	Tsai, A.F. et al. 1997, "Transmission disequilibrium of maternal CTLA-4 microsatellite alleles in recurrent spontaneous abortion (RSA)," <i>American J. Human Genetics</i> 61(4 suppl):A20
D6	Tsai, A.F. et al. 1998, "Transmission disequilibrium of maternally-inherited CTLA-4 microsatellite alleles in idiopathic recurrent miscarriage," <i>J. Reprod. Immunol.</i> 40:147-157
D7	Van Gool et al., 1996 "CD80, CD86 and CD40 provide accessory signals in a multiple-step T-cell activation model," <i>Immunol. Reviews</i> 153:47-83
D8	Weetman, A.P. 1999, "The immunology of pregnancy," <i>Thyroid.</i> , 9(7):643-646
D9	Wei et al. 1996, "Long term expression of human growth hormone (hGH) in mice containing allogeneic yolk sac cell derived neovascular implants expressing hGH," <i>Stem Cells</i> , 14(2):232-238
D10	Zhang et al. 1993 "The correlation of prolonged survival of maternal skin grafts with the presence of naturally transferred maternal T cells," <i>Transplantation</i> , 56:918-21
D11	Zimmerman, C. et al., 1997 "Antiviral immune responses in CTLA4 transgenic mice," <i>J. Virology</i> , 71(3):1802-7
Examiner	<i>Ilian Auspurnsh</i>
Date Considered	<i>09/30/2004</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	